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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Chen

: ArtUnit: 3672

Serial No. 09/833,016

: Examiner: Hoang Dang

Filed: 04/10/2001

: Atty's Docket: SC-98-25A

Cont

For: Force-Balanced Roller-Cone Bits, Systems, Drilling Methods, and Design Methods

### INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents and Trademarks  
Washington, DC 20231

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Sir:

The accompanying form PTO- 1449 lists one or more documents which may be considered material to the examination of this application. A copy of each document is provided, if available.

Applicant reserves the right to establish the patentability of the claimed invention over any of the listed documents should they be applied thereagainst as references, and/or to prove that some of these documents may not be prior art, may not be within an analogous field of art, and/or may not be enabling for the teachings they purport to offer.

This statement should not be construed as a representation that an exhaustive search has been made, nor that more material information does not exist.

The Examiner is specifically requested to conduct an independent and thorough review of the documents, and to form his own opinions as to the significance of those documents to patentability of the claimed inventions, regardless of any of the foregoing statements concerning the significance of the references. The foregoing statements are made in good faith, and in compliance with the duty of disclosure; but they cannot substitute for the Examiner's specialized expertise, nor are they intended to derogate from the Examiner's official duty to assess patentability.

It is also respectfully noted that the submission of this material is not intended to displace the Examiner's professional ability and duty to search. Indeed, the Examiner is specifically requested not to rely on the materials submitted herewith, but to conduct a full and independent search.

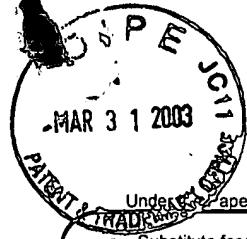
It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, to indicate in the file of this patent application that the documents have been considered.

Respectfully submitted,



Ngon Pham, Reg. No. 49,042  
Agent for Applicant  
Arter & Hadden LLP  
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March 26, 2003



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**INFORMATION DISCLOSURE**

**STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet

1 of 2

**Complete if Known**

Application Number	09/833,016
Filing Date	04/10/2001
First Named Inventor	Shilin Chen
Art Unit	3672
Examiner Name	Hoang C. Dang
Attorney Docket Number	SC-98-25A

## U. S. PATENT DOCUMENTS

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## **FOREIGN PATENT DOCUMENTS**

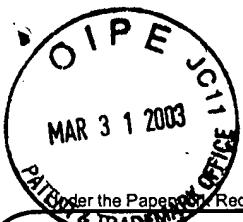
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
AL1	SU 1768745 A1		10-15-1992	Karpukhin et al.		
AM1	SU 1441051 A2		11-30-1988	Karpukhin et al.		

Examiner Signature		Date Considered
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**PART OF PAPER #12**  
**INFORMATION DISCLOSURE**  
**STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

 <b>Substitute for Form 1449/PTO</b> <b>PART OF PAPER #12</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	<b>09/833,016</b>
				Filing Date	<b>04/10/2001</b>
				First Named Inventor	<b>Shilin Chen</b>
				Art Unit	<b>3672</b>
				Examiner Name	<b>Hoang C. Dang</b>
Sheet	2	of	2	Attorney Docket Number	
				<b>SC-98-25A</b>	

#### **OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AR1	MA DEKUN, The Operational Mechanics of The Rock Bit, 1996,	

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